



INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(51) International Patent Classification ⁷ : C12N 15/00	A2	(11) International Publication Number: WO 00/23578 (43) International Publication Date: 27 April 2000 (27.04.00)
(21) International Application Number: PCT/US99/24407 (22) International Filing Date: 15 October 1999 (15.10.99) (30) Priority Data: 60/104,604 16 October 1998 (16.10.98) US (71) Applicant (for all designated States except US): THE REGENTS OF THE UNIVERSITY OF CALIFORNIA [US/US]; 12th Floor, 1111 Franklin Street, Oakland, CA 94607-5200 (US). (72) Inventor; and (75) Inventor/Applicant (for US only): YANOFSKY, Martin, F. [US/US]; 5039 Manor Ridge Lane, San Diego, CA 92130 (US). (74) Agent: VIKSNINS, Ann, S.; Schwegman, Lundberg, Woessner & Kluth, P.O. Box 2938, Minneapolis, MN 55402 (US).		(81) Designated States: AE, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CR, CU, CZ, DE, DK, DM, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW, ARIPO patent (GH, GM, KE, LS, MW, SD, SL, SZ, TZ, UG, ZW), Eurasian patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European patent (AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE), OAPI patent (BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG). Published <i>Without international search report and to be republished upon receipt of that report.</i>
(54) Title: METHODS OF SUPPRESSING FLOWERING IN TRANSGENIC PLANTS		
(57) Abstract <p>The present invention provides a transgenic plant characterized by suppressed flowering. The transgenic plant contains a nucleic acid molecule including a floral organ selective regulatory element operatively linked to a nucleotide sequence encoding a cytotoxic gene product, wherein the nucleic acid molecule is heritable by progeny thereof.</p>		